

Converting Colors

Hex(54D191)

Have a look what the booklet for
Hex(54D191) contains.

Hex(54D191)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(54D191)

Conversions

Conversions Part 1

Format	Color
Hex	54D191
RGB	84, 209, 145
RGB Percent	33%, 82%, 57%
CMY	0.6706, 0.1804, 0.4314
CMYK	0.60, 0.00, 0.31, 0.18
HSL	149°, 58%, 57%
HSV	149°, 60%, 82%
XYZ	31.5675, 49.5301, 34.6845
YIQ	164.3290, -53.9560, -46.4040

Conversions

Conversions Part 2

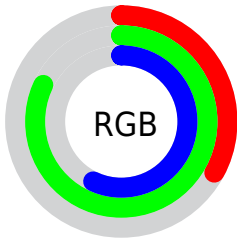
Format	Color
RYB	84, 168, 209
Decimal	5558673
CIELab	75.78, -49.34, 21.65
CIELCh	76, 53.883, 156.309
Yxy	49.5301, 0.2726, 0.4278
Android (android.graphics.Color)	4283748753 (0xFF54D191)
YUV	164.3290, -9.5292, -70.4485
Hunter-Lab	70.3776, -43.0957, 20.0441

Details

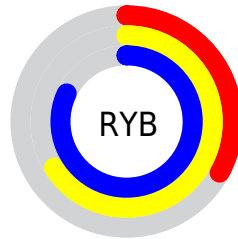
The Hex color **54D191** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **D15494**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **90FFC7**, and **009A5E** is the 20% darker color. If you saturate the color by 10%, you get **3FD186**, and if you desaturate by 10%, it is **69D19C**.

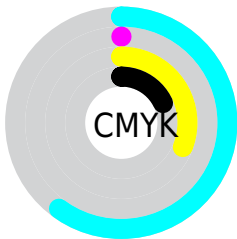
Distribution



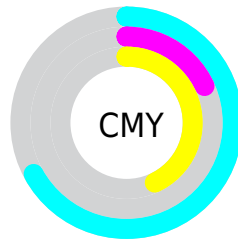
- Red (33%)
- Green (82%)
- Blue (57%)



- Red (33%)
- Yellow (66%)
- Blue (82%)



- Cyan (60%)
- Magenta (0%)
- Yellow (31%)
- Black (18%)



- Cyan (67%)
- Magenta (18%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 54D191 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 54D191 by changing the saturation by 10% instead.

 54D191

 54D191

FFFFFF

 33B577

 90FFC7

 009A5E

 ADFFE3

 007F46

 CBFFFF

 00652F

 E9FFFF

 004C19

 003401

 001D00

 000000

 54D191

 54D191

 3FD186

 69D19C

 2AD17C

 7ED1A6

 15D171

 93D1B1

 00D166

 A8D1BC

 BCD1C7

 D1D1D1

 E6D1DC

 FBD1E7

 FFD1F1

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9AC968



54D191



00D4C4

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



54D191



78BCFF



FF9982

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



54D191



D15494

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF91B2



54D191



CDAAFF

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



54D191



00CBFF



FF98E4



F8AA5F

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



54D191



00D3E5



FF98E4



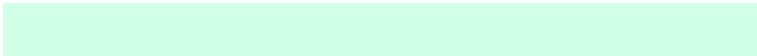
FF9591

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



54D191



D1FFE7



95D154



638071



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



54D191



47FFA1



54D1CF



5E6963



00A852



002914

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



D15494



FF47A5



D15456



695E63



A80056



290015

Previews

White Background



This preview shows how the Hex color 54D191 looks on a white background.

Color Contrast Check

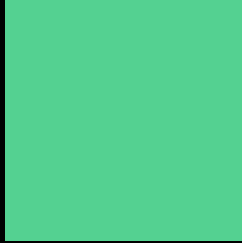
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 54D191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 54D191 Background



This preview shows how black text looks on a background with the Hex color 54D191.

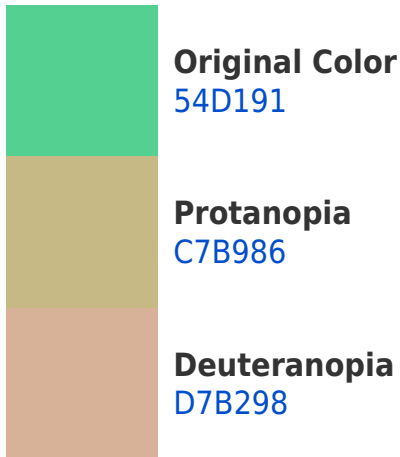


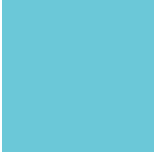
This preview shows how white text looks on a background with the Hex color 54D191.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
6BC8D8

Trichromacy



Original Color
54D191



Protanomaly
9DC28A



Deuteranomaly
A7BD95



Tritanomaly
63CBBE

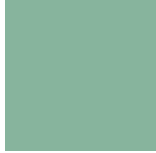
Monochromacy



Original Color
54D191



Achromatopsia
A4A4A4



Achromatomaly
87B49D

CSS Examples

Text

The CSS property to change the color of the text to Hex 54D191 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #54D191 looks like.

```
.text, #text, p{  
    color:#54D191  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #54D191 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #54D191
}
```

Border

The CSS property to change the border of an element to Hex 54D191 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#54D191 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#54D191 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #54D191 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #54D191; -webkit-box-shadow:4px 4px  
4px 4px #54D191; box-shadow:4px 4px 4px  
4px #54D191 }
```

Background

The CSS property to change the background color of an element to Hex 54D191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#54D191 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#54D191 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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